

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application No.      | 10/690,983           |
| Filing Date          | October 22, 2003     |
| First Named Inventor | Paul E. Denney       |
| Art Unit             | 1725                 |
| Examiner             | Maria Alexandra Elve |
| Attorney Docket No.  | LOMASR.021A          |

(Multiple sheets used when necessary)

SHEET 1 OF 1

## U.S. PATENT DOCUMENTS

| Initials | Cite No. | Document Number | Publication Date | Name of Patentee or Applicant  | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
|----------|----------|-----------------|------------------|--|--|
| AE       | 1        | 10/690,833      | 10/22/2003       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.023A)   |  |
|          | 2        | 10/690,975      | 10/22/2003       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.024A)   |  |
|          | 3        | 10/691,481      | 10/22/2003       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.025A)   |  |
|          | 4        | 10/691,444      | 10/22/2003       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.026A)   |  |
|          | 5        | 10/803,272      | 03/18/2004       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.021CP1) |  |
|          | 6        | 10/803,243      | 03/18/2004       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.023CP1) |  |
| AE       | 7        | 10/803,267      | 03/18/2004       | Copending related specification, Filing Receipt, and drawings (Atty. Docket No. LOMASR.026CP1) |  |
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| Examiner Initials | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T <sup>1</sup> |
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| Examiner Signature   | M. Alexandra Elve | Date Considered | 4/14/05 |
| <p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                   |                 |         |

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

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|----------------------|-------------|---|---------------------|--------------------------------------|--|----------------|
| AE                   |             | PCT/US2004/008312<br>ISR dated 09/02/04 | 03/18/2004          | Loma Linda University Medical Center |  |                |
| AE                   |             | PCT/US2004/008219<br>ISR dated 12/06/04 | 03/18/2004          | Loma Linda University Medical Center |  |                |
|                      |             |   |                     |                                      |  |                |
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## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>1</sup> |
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| Examiner Signature   | M. Alexandra Elve | Date Considered | 4/14/05 |
| <p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                   |                 |         |

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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>LOMASR.021A<br>DEC 3 0 2004 | APPLICATION NO.<br>10/690,983 |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br><br>(USE SEVERAL SHEETS IF NECESSARY) |  | APPLICANTS<br>Paul E. Danney et al.             |                               |
|  |  | FILING DATE<br>October 22, 2003                 | GROUP<br>1725                 |

| U.S. PATENT DOCUMENTS |    |                 |          |                  |       |          |                                 |
|-----------------------|----|-----------------|----------|------------------|-------|----------|---------------------------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
| AC                    | 1  | 5,026,966       | 06/25/91 | Roth             |       |          |                                 |
|                       | 2  | 5,034,010       | 07/23/91 | Kittrell et al.  |       |          |                                 |
|                       | 3  | 5,085,026       | 02/04/92 | McGill et al.    |       |          |                                 |
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|                       | 5  | 5,148,446       | 09/15/92 | Radich           |       |          |                                 |
|                       | 6  | 5,256,852       | 10/26/93 | Boudot           |       |          |                                 |
|                       | 7  | 5,977,515       | 11/02/99 | Uraki et al.     |       |          |                                 |
|                       | 8  | 6,191,382 B1    | 02/20/01 | Damikolas        |       |          |                                 |
|                       | 9  | 6,664,495 B2    | 12/16/03 | Yamaguchi et al. |       |          |                                 |
|                       | 10 | 6,664,504 B2    | 12/16/03 | Bertez           |       |          |                                 |
|                       | 11 | 6,667,458 B1    | 12/23/03 | Sirat            |       |          |                                 |
|                       | 12 | 6,670,571 B2    | 12/30/03 | Dance            |       |          |                                 |
|                       | 13 | 6,670,575 B1    | 12/30/03 | Wrba et al.      |       |          |                                 |
|                       | 14 | 6,683,277 B1    | 01/27/04 | Millard et al.   |       |          |                                 |
|                       | 15 | 6,693,256 B2    | 02/17/04 | Furujo et al.    |       |          |                                 |
|                       | 16 | 6,720,567 B2    | 04/13/04 | Fordahl et al.   |       |          |                                 |
|                       | 17 | 6,777,646 B2    | 08/17/04 | Schubert         |       |          |                                 |
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| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE     | COUNTRY          | CLASS | SUBCLASS | TRANSLATION |    |
|                          |    |                 |          |                  |       |          | YES         | NO |
| AC                       | 20 | EP 0 521 194 A  | 01/07/93 | Europe           |       |          |             |    |
| ↓                        | 21 | EP 0 540 745 A  | 05/12/93 | Europe           |       |          |             |    |
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| EXAMINER   | M. Alexandra Elve | DATE CONSIDERED | 4/19/05 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                   |                 |         |

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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>LOMASR.021A     | APPLICATION NO.<br>10/690,983 |
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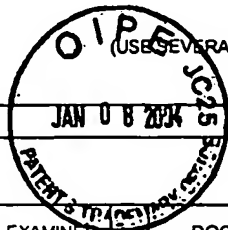
| FOREIGN PATENT DOCUMENTS |    |                   |          |   |       |          |             |    |
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| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER   | DATE     | COUNTRY                                   | CLASS | SUBCLASS | TRANSLATION |    |
|                          |    |                   |          |   |       |          | YES         | NO |
| <i>AE</i>                | 24 | JP 59-87992       | 09/11/84 | Japan (Patent)                            | —     | —        |             |    |
|                          | 25 | JP 09242453       | 09/16/97 | Japan (Abstract)                          | —     | —        |             |    |
|                          | 26 | JP 9-242453       | 09/16/97 | Japan (Patent)                            | —     | —        |             |    |
|                          | 27 | PCT/US2004/008219 | 03/18/04 | PCT Int'l Search Report mailed 09/21/2004 | —     | —        |             |    |
|                          | 28 | PCT/US2004/008070 | 03/18/04 | PCT Int'l Search Report dated 08/20/2004  | —     | —        |             |    |
|                          | 29 | PCT/US2004/008229 | 07/27/89 | PCT Int'l Search Report dated 10/26/2004  | —     | —        |             |    |
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| Examiner<br>Initials            | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |
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|   |  | FILING DATE<br>October 22, 2003  | GROUP<br>Unknown              |

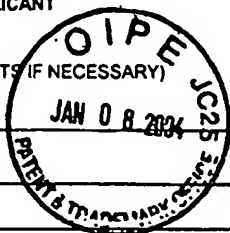


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| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
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|                     | 3  | 4,568,814       | 02/04/86 | Hamasaki et al.  |       |          |                                 |
|                     | 4  | 5,554,335       | 09/10/96 | Fields et al.    |       |          |                                 |
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|                     | 6  | 5,657,595       | 08/19/97 | Fyfe et al.      |       |          |                                 |
|                     | 7  | 5,664,389       | 09/09/97 | Williams         |       |          |                                 |
|                     | 8  | 5,782,043       | 07/21/98 | Duncan et al.    |       |          |                                 |
|                     | 9  | 5,920,938       | 07/13/99 | Elcock et al.    |       |          |                                 |
|                     | 10 | 5,986,234       | 11/16/99 | Matthews et al.  |       |          |                                 |
|                     | 11 | 6,056,827       | 05/02/00 | Fukui et al.     |       |          |                                 |
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|                     | 18 | 6,521,864 B2    | 02/18/03 | Bertez et al.    |       |          |                                 |
|                     | 19 | 6,614,002 B2    | 09/02/03 | Weber            |       |          |                                 |
|                     | 20 | 6,649,866 B2    | 11/18/03 | Reichmann et al. |       |          |                                 |
|                     | 21 | 2003/0132210 A1 | 07/17/03 | Fujii et al.     |       |          |                                 |
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| <i>AE</i>           | 23 | 2003/0222062 A1 | 12/04/03 | Brown et al.     |       |          |                                 |

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| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE     | COUNTRY                         | CLASS | SUBCLASS | TRANSLATION |    |
|                          |    |                 |          |                                 |       |          | YES         | NO |
| <i>AE</i>                | 24 | WO 00/37208     | 12/12/99 | Patent Cooperation Treaty (PCT) |       |          |             |    |
|                          | 25 | WO 03/028941 A1 | 04/10/03 | PCT                             |       |          |             |    |
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|                          | 33 | JP 10331434 A   | 12/15/98 | Japan                           |       |          |             |    |
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| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |   |
|---------------------|--|---|
| <i>AE</i>           | 35   | PCT International Search Report dated September 23, 2003 in 5 pages.  |
| <i>AE</i>           | 36   | "Study on Laser Cutting of Concrete," Hiroshi Yoshizawa, Sivakumaran Wignarajeh, and Hideaki Saito, <u>Transactions of the Japan Welding Society</u> , Vol. 20, No. 1, April 1989, pp. 31-36. |

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